

7Sep 2010

GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar

Participants

FLL Team – John Molinari, Michele Garrett, Instrument and Forecast teams

STX - Ed Zipser, Paul Meyer

HSV – Michael Goodman, Matt He, Rich Blakeslee

Telecon

Bud Meins, Shelly Baccus, Bob Houze, Bjorn Lambrigtsen, Gerry Heymsfield, Steve Durden, Michael Black, Chris Ruf, Tim Miller

Global Hawk Report

- **Aircraft – green**
 - No fly on Wednesday
 - Waiting for dropsonde low & high altitude drop test on Friday (two flights/day), waiting for Terry H. to come back to give update
 - Xchat group #GHOPS has been created for use by flight crew across all aircraft. Intended for DC8 & navigator to pass info to GH Pilots. Change channel to #PILOTOPS
 - Plane ready
- **Dropsonde – red**
 - Re-fly of Low Altitude test flight and high altitude flights in one day. Must be a weekday and have a chase plane.
 - A Wednesday 9/8 flight could jeopardize testing of dropsonde. Would have to be a Tuesday evening takeoff (6-7 pm PDT).
 - Need more resources to work on installation - at NCAR
 - Will not be able to fly till Friday 9/10/2010 – both flights can be done in one day
 - Dropsonde engineers machining new parts in NCAR/Boulder.
 - Status will be provided Tuesday 9/7/2010
- **HAMSR – green.**
- **LIP - green**
- **HIWRAP – yellow**
 - Some noise in 2-channels in the Ka band
 - Analyzing data

WB-57 Report

- **Aircraft - red**
 - Available won't be known until after Tuesday, 9/7/10
 - Awaiting repair of canopy seal pump
 - Will work repair of three parts Tuesday morning

- **HIRAD - green**
 - Processing calibrating data and
 - Working data analysis
- NAST-I still delayed – may make it for last week of mission.

DC8 Report

- **Aircraft- green.**
 - Flight on Tuesday met all objectives
 - Communications to ground kept going in and out
 - Takeoff from STX at 18Z
- **LASE – green.**
- **LARGE – green.**
- **APR2 – green.**
- **DAWN – yellow.**
 - Finishing up maintenance tomorrow. Processing algorithm issue.
- **Microphysics – green**
 - **PIP** Probes calibrated yesterday and ready to go.
 - **CSI** cannot fly for the duration of GRIP
- **MMS – green.**
- **Dropsonde – green.**
 - Used considerably more than half used, need to be more conservative. No more than 20 per flight for remainder of mission. Allow other aircraft to cover other regions e.g. G-IV.
 - Pessimistic Vaisala can deliver more dropsondes in time. Perhaps acquire from NOAA (check compatibility).

Science

Tuesday- Takeoff on 7Sept estimated for 18Z with a science flight and ferry back to FLL. Return time still uncertain. Could be between 9-midnight EDT

Wednesday - tentative No Fly Day